



88045073



# ALASKA NATURAL GAS TRANSPORTATION SYSTEM

## Final Environmental Impact Statement

### ALASKA MAP VOLUME



**MARCH 1976**

**U.S. DEPARTMENT OF THE INTERIOR**

**WASHINGTON, D.C. 20240**

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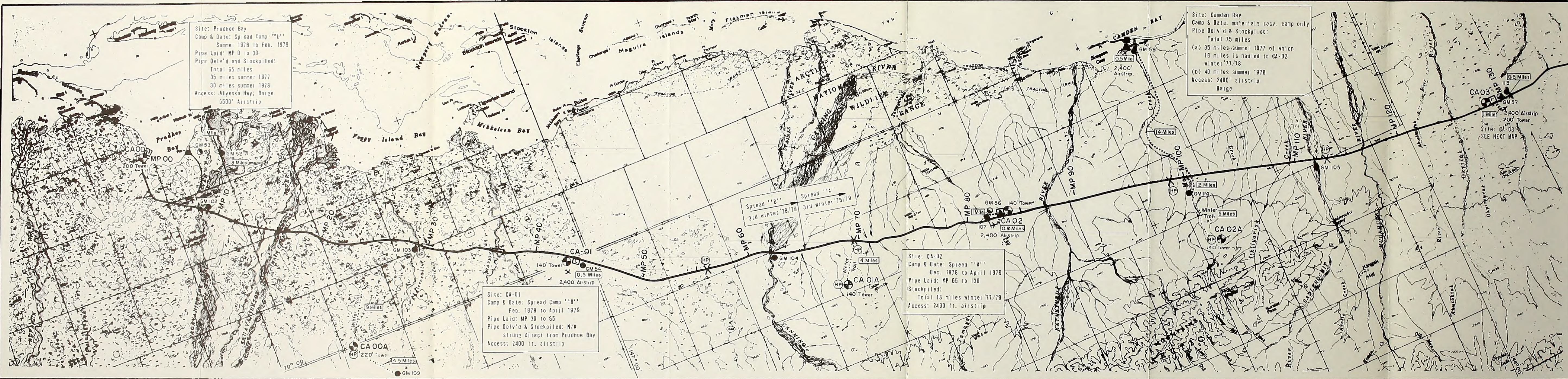
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## Alaska Foldouts

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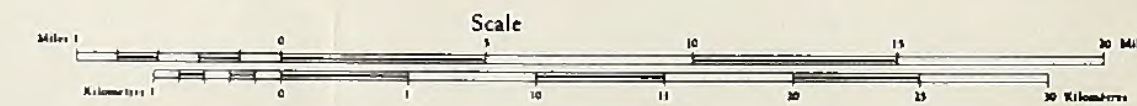
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MILE POST	FACILITY DESCRIPTION	LAND USE	
		AREA ACRES	BORROW CUBIC YARDS
0.00	CA-00 METER STATION D&M SITE CA-00-A COMMUNICATION TOWER CA-01 COMPRESSOR STATION PAD AIRSTRIIP ROAD	2.41 8.04 5.50 31.00 100.00 2.78	25,000 78,000 2,000 150,000 180,000 10,000
65.00	PIPELINE RIGHT OF WAY TOTAL SPREAD "D"	945.75 1,095.46	425,000
130.00	CA-01-A COMMUNICATION TOWER CA-02 COMPRESSOR STATION PAD AIRSTRIIP ROAD CAMDEN BAY AIRSTRIIP ROAD CA-02-A COMMUNICATION TOWER CA-03 COMPRESSOR STATION PAD AIRSTRIIP ROAD PIPELINE RIGHT OF WAY TOTAL SPREAD "A"	5.50 31.00 100.00 4.14 30.00 7.27 5.50 31.00 100.00 5.52 945.75 1,365.64	2,000 150,000 180,000 15,000 285,000 25,000 2,000 150,000 180,000 20,000 1,129,000

THIS MAP HAS BEEN TAKEN FROM ORIGINAL PRINTED BASE MAPS PREPARED AND SUPPLIED BY THE DEPARTMENT OF MINES AND RESOURCES AND U.S. GEOLOGICAL SURVEY, ONTO WHICH THE APPLICANT HAS SUPERIMPOSED THOSE INSTALLATIONS AND FACILITIES RELEVANT TO THIS APPLICATION.



- LEGEND:
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  - METER STATION
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  - COMP. STATION AND STOCKPILE
  - WHARF
  - PREFERRED BORROW PIT
  - ALTERNATE BORROW PIT
  - BLOCK VALVE
  - PIPELINE COMMUNICATIONS TOWER
  - AIRSTRIIP
  - HELIPAD
  - PERMANENT PROJECT ROAD
  - TEMPORARY ACCESS SNOW ROAD
  - PERMANENT ROAD
  - WINTER SNOW TRAIL

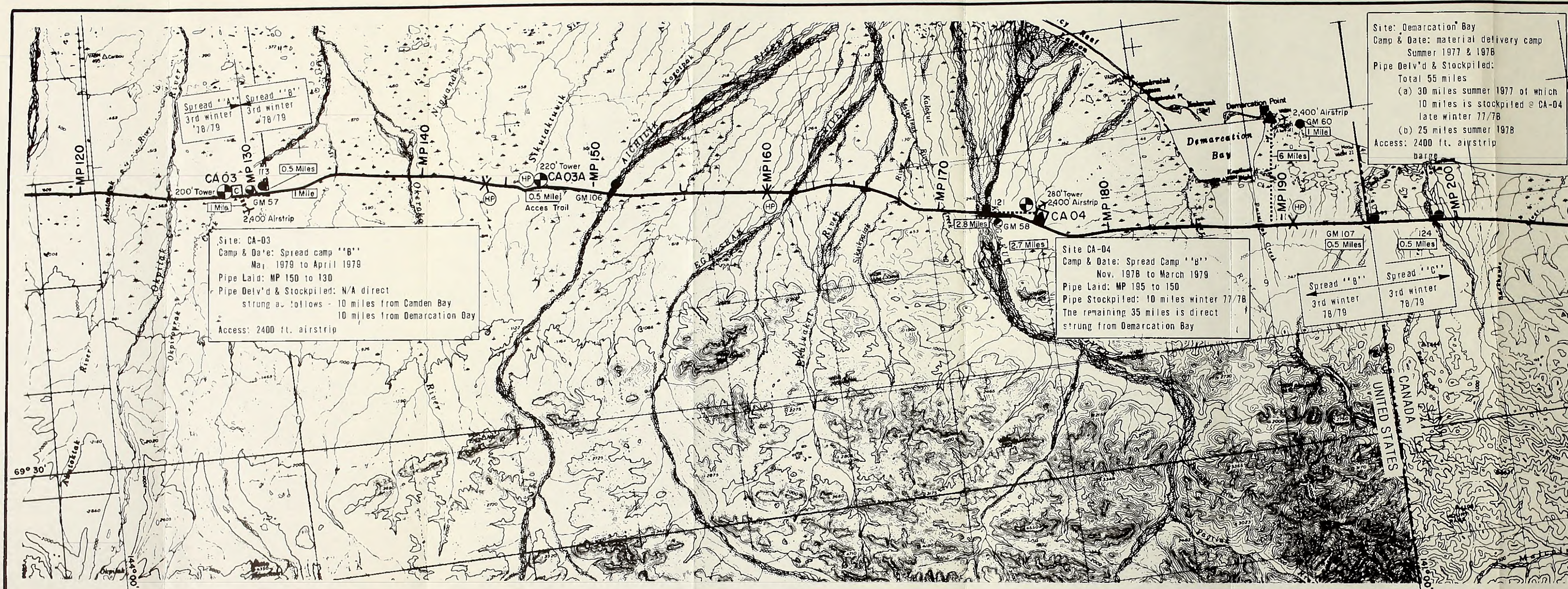
Figure 1.1.1.2-1 Proposed pipeline route map  
MP00 to MP 130  
Prudhoe Bay to Alaska-Yukon Border

REVISED: FEB 22 1974	REV.
SCALE: AS SHOWN	
DATE: FEBRUARY 8, 1974	
PROJECT #: 2950	
DRAWING #: 3A-0211-1001	









Site: Demarcation Bay  
Camp & Date: material delivery camp  
Summer 1977 & 1978  
Pipe Delv'd & Stockpiled:  
Total 55 miles  
(a) 30 miles summer 1977 of which  
10 miles is stockpiled @ CA-04  
late winter 77/78  
(b) 25 miles summer 1978  
Access: 2400 ft. airstrip  
barge

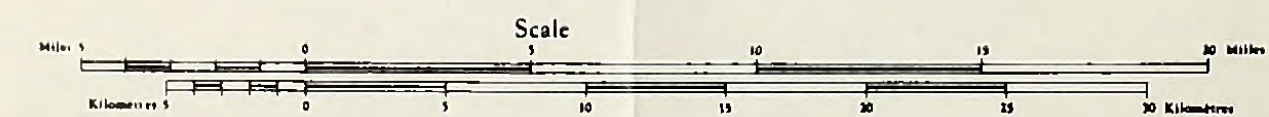
Site: CA-03  
Camp & Date: Spread camp "B"  
May 1979 to April 1979  
Pipe Laid: MP 150 to 130  
Pipe Delv'd & Stockpiled: N/A direct  
strung as follows - 10 miles from Camden Bay  
10 miles from Demarcation Bay  
Access: 2400 ft. airstrip

Site CA-04  
Camp & Date: Spread Camp "B"  
Nov. 1978 to March 1979  
Pipe Laid: MP 195 to 150  
Pipe Stockpiled: 10 miles winter 77/78  
The remaining 35 miles is direct  
strung from Demarcation Bay



MILE POST	FACILITY DESCRIPTION	LAND USE	
		AREA ACRES	BORROW CUBIC YARDS
130.00	CA-03-A COMMUNICATIONS TOWER CA-04 COMPRESSOR STATION PAD AIRSTRIIP ROAD DEMARCATION BAY AIRSTRIIP ROAD	5.50 31.00 100.00 0.55 30.00 100.00 7.27	2,000 150,000 240,000 5,000 285,000 160,000 25,000
195.00	PIPELINE RIGHT OF WAY TOTAL SPREAD "B"	945.75 1,220.07	867,000
	CA-04-A COMMUNICATIONS TOWER KOMAKUK BEACH ROAD CA-05 METER STATION CA-05 COMPRESSOR STATION PAD AIRSTRIIP ROAD CA-05-A COMMUNICATIONS TOWER PIPELINE RIGHT OF WAY TOTAL SPREAD "C"	5.50 30.00 21.83 2.41 31.00 130.00 14.55 5.50 858.45 1,098.24	2,000 360,000 75,000 25,000 240,000 720,000 50,000 2,000 1,474,000

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- ALTERNATE BORROW PIT
- BLOCK VALVE
- PIPELINE
- COMMUNICATIONS TOWER
- AIRSTRIIP
- HELIPAD
- PERMANENT PROJECT ROAD
- TEMPORARY ACCESS SHOW ROAD
- PERMANENT ROAD
- WINTER SNOW TRAIL

Figure 1.1.1 2-2 Proposed pipeline route map  
MP 120 to MP 195  
Prudhoe Bay to Alaska-Yukon Border

REVISED: FEB 22 1974	REV.
SCALE: AS SHOWN	
DATE: FEBRUARY 8, 1974	
PROJECT NO. 2950	
DRAWING NO. 3A-0211-1002	







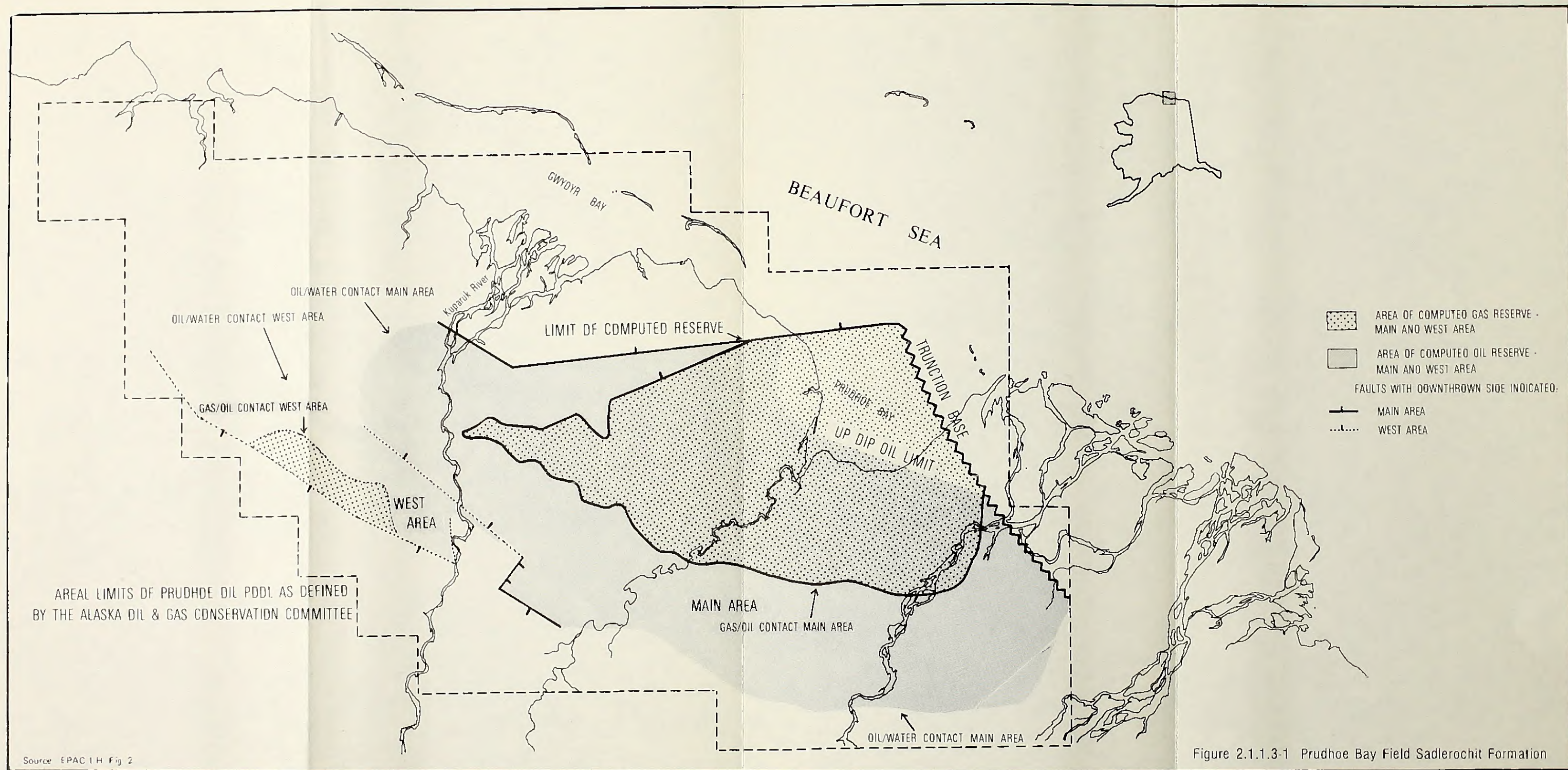


Figure 2.1.1.3-1 Prudhoe Bay Field Sadlerochit Formation



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OFFSHORE ROUTE  
Pipeline buried in 20 to 30 foot deep water

COASTAL ROUTE  
Pipeline buried - generally follows coastline within 1 mile

Proposed Route

ARCTIC NATIONAL WILDLIFE RANGE

WEST BOUNDARY OF RANGE

EAST BOUNDARY OF RANGE

COMP STN. NO. 1

COMP STN. NO. 2

COMP STN. NO. 3

COMP STN. NO. 4

MP 0.0

MP 66.8

MP 200

MP 213

MP 222

CA 01

CA 02

CA 03

CA 04

CA 05

Figure 8.1.1.1-1 Location map of offshore and coastal alternative pipeline routes

REVISED	
DATE	April 4, 1975
PROJECT NO.	
SHEET NO.	

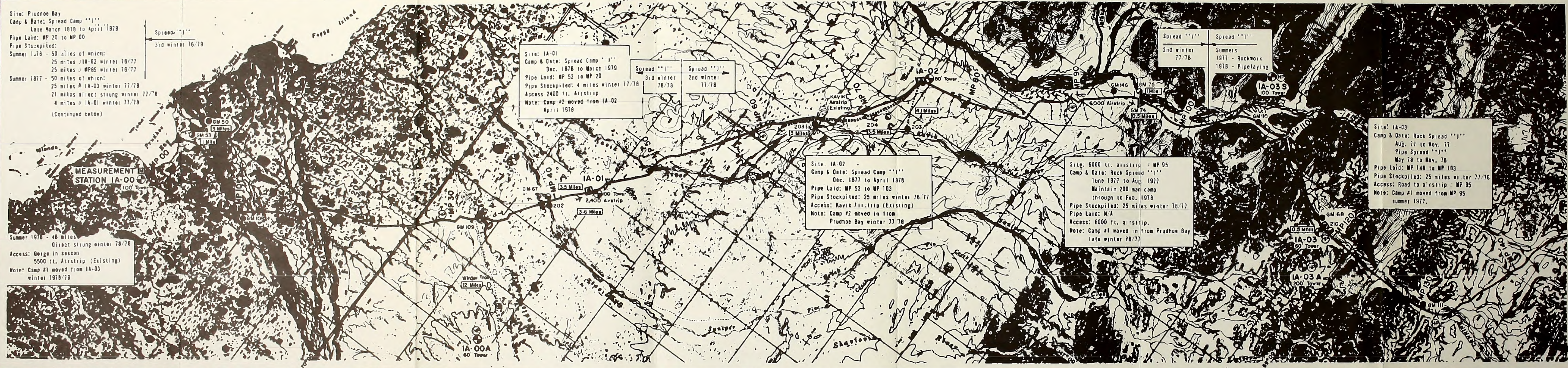
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MILE POST	FACILITY DESCRIPTION	LAND USE	
		AREA ACRES	BORROW CUBIC YARDS
0.0	PRUDHOE BAY - CAMP AND STOCKPILE	40.90	
	A-00 METER STATION	2.41	24,000
	ROAD	85.48	225,000
	D & M	8.04	78,000
	IA-00-A COMMUNICATIONS TOWER	5.50	2,000
	IA-01 COMPRESSOR STATION		
	PAD	31.00	240,000
	AIRSTRIIP	100.00	160,000
	ROAD	1.38	5,000
52.0	PIPELINE RIGHT OF WAY	758.60	
	SUB-TOTAL SPREAD "J" (WINTER)	1,010.41	754,000
	IA-02 COMPRESSOR STATION		
	PAD	31.00	400,000
	ROAD	87.30	360,000
	MILE POST 95		
	CAMP & STOCKPILE	25.00	240,000
	AIRSTRIIP	130.00	860,000
	ROAD	7.25	25,000
103.00	PIPELINE RIGHT OF WAY	742.05	
	SUB-TOTAL SPREAD "J" (WINTER)	1,022.80	1,825,000
	IA-03-S COMMUNICATIONS TOWER	5.50	2,000
	IA-03 COMPRESSOR STATION		
	PAD	31.00	400,000
	IA-03-A COMMUNICATIONS TOWER	5.50	2,000
130.00	PIPELINE RIGHT OF WAY	382.85	
	SUB-TOTAL SPREAD "J"	434.85	404,000

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- HELIPAD
- PERMANENT PROJECT ROAD
- TEMPORARY ACCESS ROAD
- PERMANENT ROAD
- WINTER SNOW TRAIL

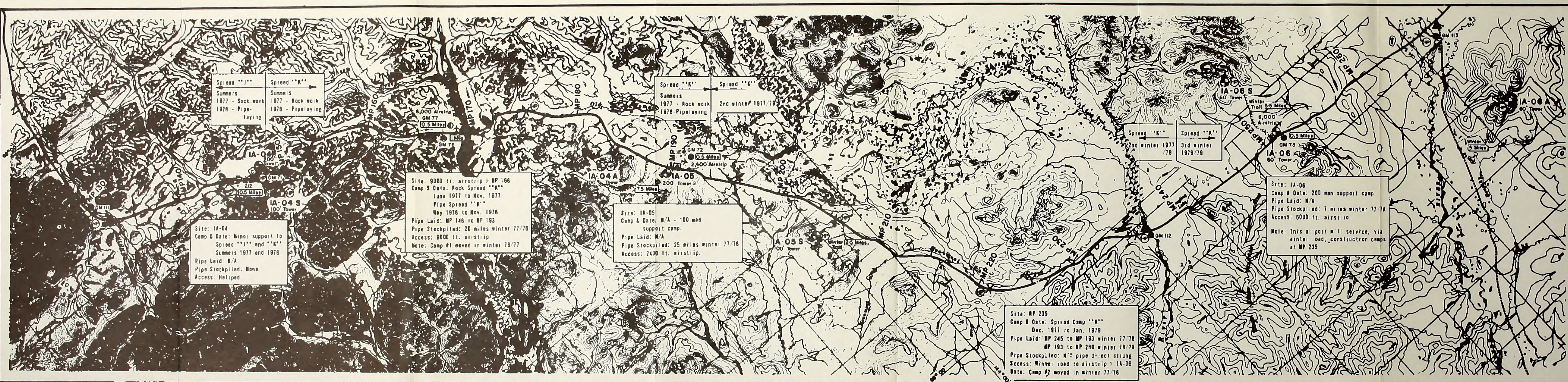
Figure 8.1.1.3-1 Interior alternative pipeline route  
Marsh Fork option MP 00 to MP 140

REVISED: FEB 22 1974  
SCALE: AS SHOWN  
DATE: FEB 8 1974  
PROJECT NO: 8880  
SHEET NO: 38-0211-1001









MILE POST	FACILITY DESCRIPTION	LAND USE	
		AREA ACRES	BORROW CUBIC YARDS
130.0	SUB-TOTAL SPREAD "J"	434.85	404,000
140.0	IA-04-COMPRESSOR STATION PS0	31.00	400,000
	PIPELINE RIGHT OF WAY	281.00	
	SUB-TOTAL SPREAD "J" (SUMMER)	727.75	804,000
	TOTAL SPREAD "J"	2,780.79	3,483,000
	IA-04-S COMMUNICATIONS TOWER	5.50	2,000
	MILE POST 104		
	CAMP AND STOCKPILE	25.00	240,000
	STRIP	300.00	1,000,000
	ROAD	7.28	25,000
	IA-04-S COMMUNICATIONS TOWER	5.50	2,000
	IA-05-COMPRESSOR STATION PS0	31.00	240,000
	AIRSTRI	100.00	100,000
	ROAD	7.28	25,000
183.0	PIPELINE RIGHT OF WAY	854.75	
	SUB-TOTAL SPREAD "J" (SUMMER)	1,139.31	2,514,000
	IA-05-S COMMUNICATIONS TOWER	5.50	2,000
	MILE POST 235 - CAMP	17.00	105,000
245.0	PIPELINE RIGHT OF WAY	758.90	
	SUB-TOTAL SPREAD "J" (WINTER)	778.10	107,000

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  - ALTERNATE BORROW PIT
  - BLOCK VALVE
  - PIPELINE COMMUNICATIONS TOWER
  - AIRSTRI
  - JELI/PS0
  - PERMANENT PROJECT ROAD
  - TEMPORARY ACCESS SNOW ROAD
  - PERMANENT ROAD
  - WINTER SNOW TRAIL

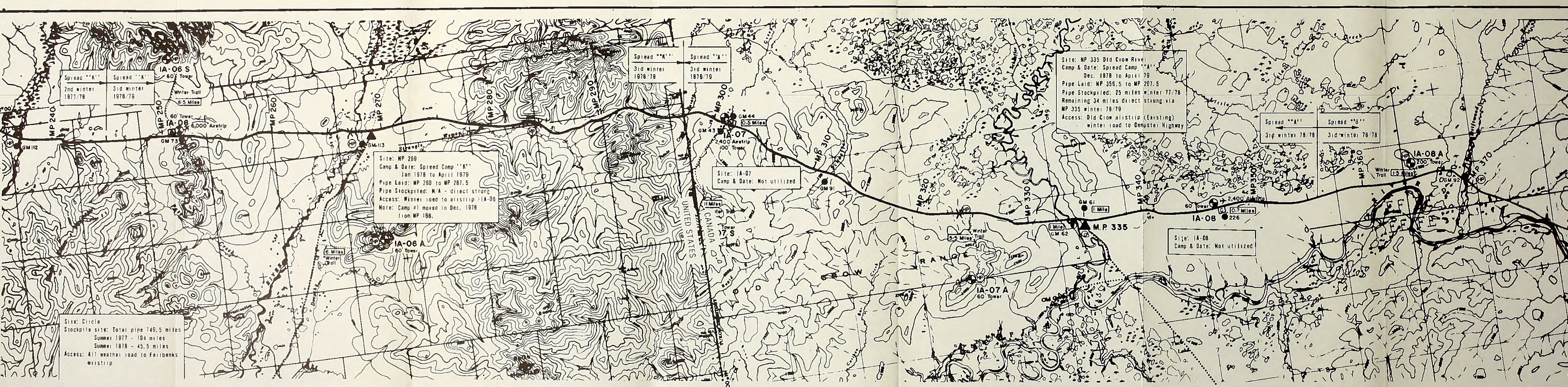
Figure 8.1.1.3-2 Interior alternative pipeline route  
Marsh Fork option MP 130 to MP 260

REVISED:	FEB 22 1974
DATE:	AS SHOWN
DATE:	FEB 8, 1974
PROJECT NO.:	2950
SHOWN BY:	
NO.:	
38-0211-1002	1









Canadian Section 14.6 and  
U.S. Environmental Report - Chapter V-8  
Subsection - 1.10

MILE POST	FACILITY DESCRIPTION	LAND USE	
		AREA ACRES	BORROW CUBIC YARDS
297.50	IA-06 COMPRESSOR STATION		
	PAD	42.51	600,000
	AIRSTRIIP	300.00	720,000
	ROAD	2.75	1,000
	IA-06-S COMMUNICATIONS TOWER	5.50	2,000
	CIRCLE ALASKA - PAD	50.00	240,000
	MILE POST 286 - CAMP PAD	20.00	194,000
	IA-06-A COMMUNICATIONS TOWER	5.50	2,000
	IA-07-S COMMUNICATIONS TOWER	5.50	2,000
	PIPELINE RIGHT OF WAY	763.68	
358.50	SUB-TOTAL SPREAD "K" (WINTER)	1,195.84	1,661,000
	TOTAL SPREAD "K"	3,111.85	4,842,000
	TOTAL ALASKA	5,871.81	8,105,000
	IA-07 COMPRESSOR STATION		
	PAD	42.51	240,000
	AIRSTRIIP	175.00	270,000
	ROAD	28.10	100,000
	IA-07-A COMMUNICATIONS TOWER	5.50	2,000
	MILE POST 335 OLD CROW RIVER CAMP & STOCKPILE	25.00	240,000
	IA-08 COMPRESSOR STATION		
	PAD	42.51	400,000
	AIRSTRIIP	175.00	240,000
	ROAD	7.28	25,000
	PIPELINE RIGHT OF WAY	858.45	
	TOTAL SPREAD "A"	1,360.35	1,517,000

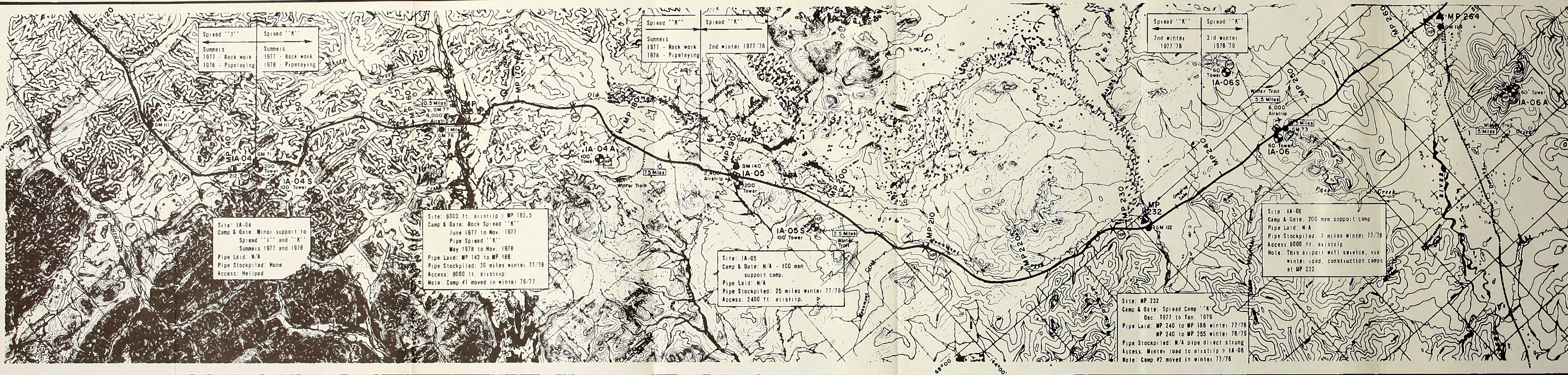




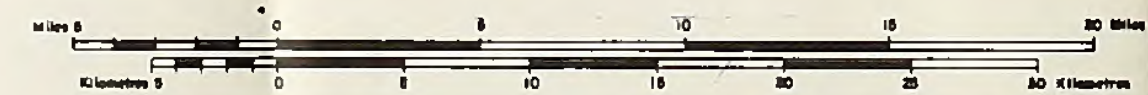




MILE POST	FACILITY DESCRIPTION	LAND USE	
		AREA ACRES	BORROW CUBIC YARDS
130.0	SUB-TOTAL SPREAD "I"	434.85	484,000
	IA-04 COMPRESSOR STATION PAD	31.00	480,000
143.0	PIPELINE RIGHT OF WAY	189.15	
	SUB-TOTAL SPREAD "I" (SUMMER)	855.00	884,000
	TOTAL SPREAD "I"	2,748.17	3,743,000
163.5	IA-04-S COMMUNICATIONS TOWER	5.50	2,000
	MILE POST 163.5		
	CAMP & STOCKPILE	25.00	240,000
	AIRSTRIIP	300.00	1,800,000
	ROAD	7.28	25,000
	IA-04-A COMMUNICATIONS TOWER	5.50	2,000
168.0	PIPELINE RIGHT OF WAY	854.75	
	SUB-TOTAL SPREAD "K" (SUMMER)	998.03	2,069,000
	IA-05 COMPRESSOR STATION PAD	31.00	380,000
	AIRSTRIIP	100.00	270,000
	ROAD	3.84	15,000
	IA-05-S COMMUNICATIONS TOWER	5.50	2,000
	MILE POST 232 CAMP	17.00	185,000
	PIPELINE RIGHT OF WAY	758.80	
	SUB-TOTAL SPREAD "K" (WINTER)	913.74	752,000



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  - PERMANENT ROAD
  - WINTER SNOW TRAIL

Figure 8.1.1.3.4 Interior alternative pipeline route  
Canning River option MP 120 to MP 260

REVISED: FEB. 22, 1974	SCALE: AS SHOWN
DATE: FEB. 9, 1974	PROJECT NO. 2950
DRAWN BY: 3C-0211-1002	REV. 1







B E A U F O R T S E A

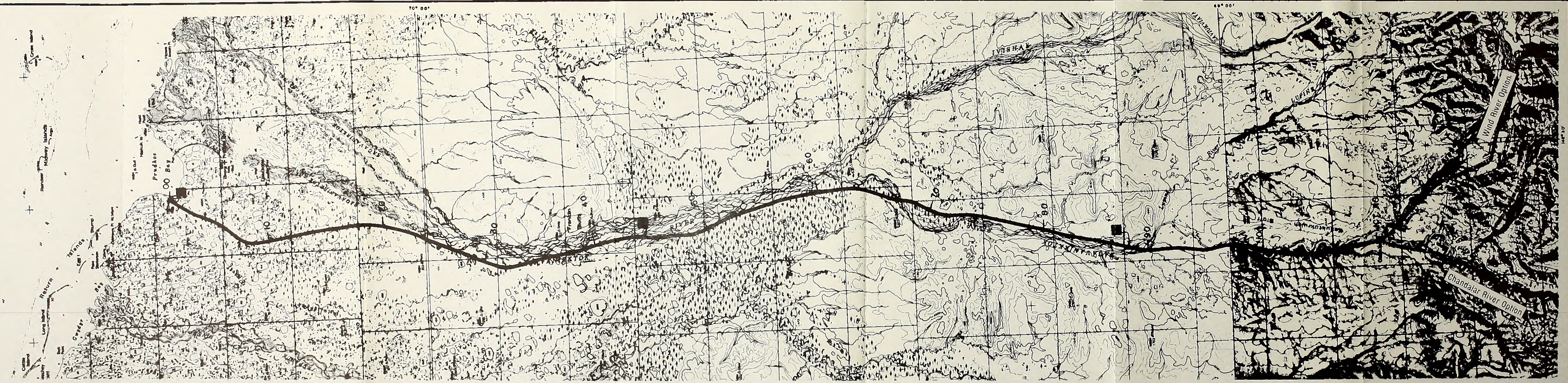


Figure 8.1.1.4-1 Fort Yukon alternative pipeline route  
MP 00 to JCT 110

SCALE:	
DATE:	
PROJECT No.	
Revision No.	REV.
4-0204-1001 A	







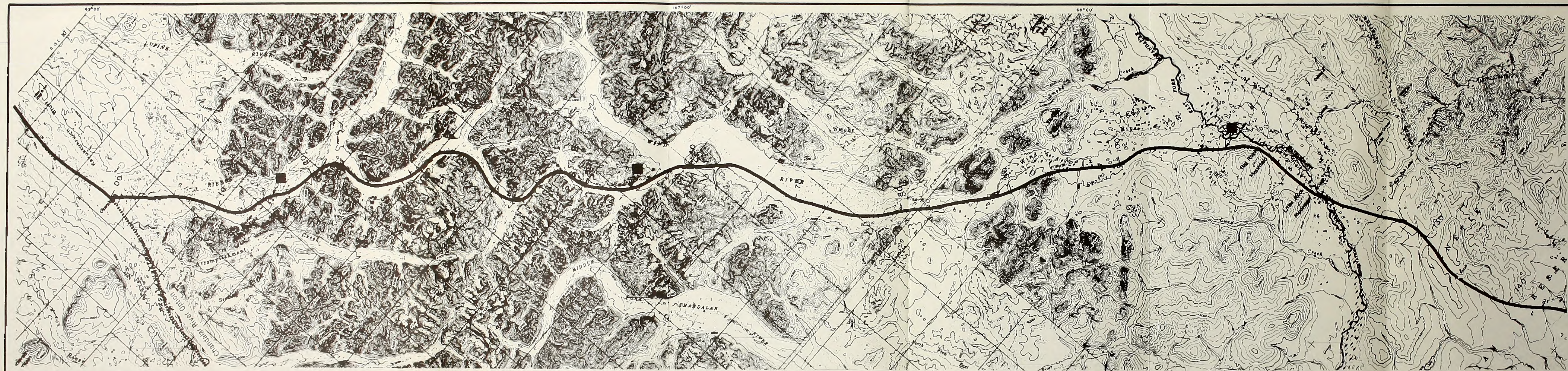


Figure 8.1.1.4-2 Fort Yukon alternative pipeline route  
Wind River option JCT 110/MP 00 to MP 140

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SUBJECT:	
Drawn by:	
4-0204-1003-A	001







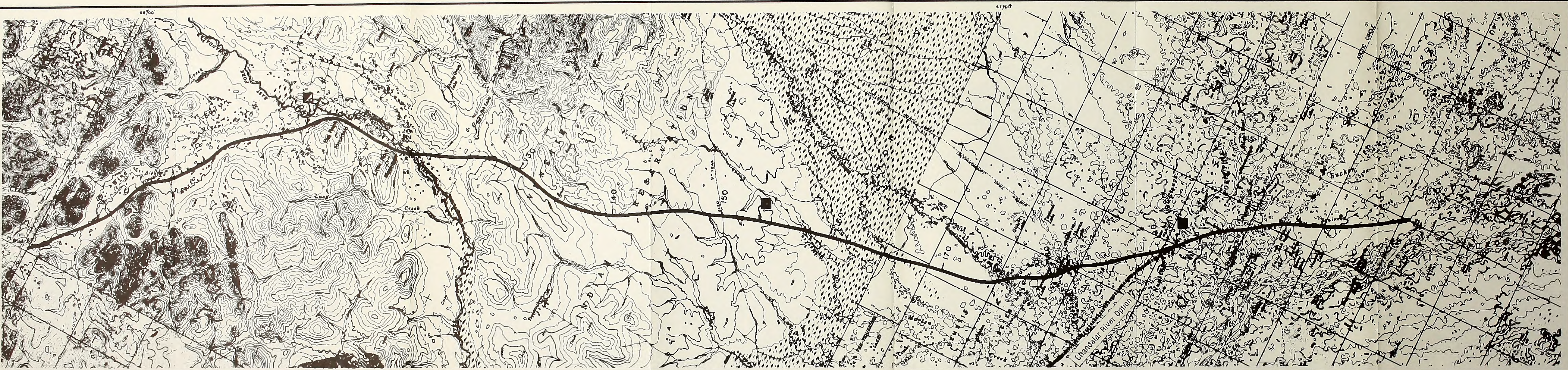


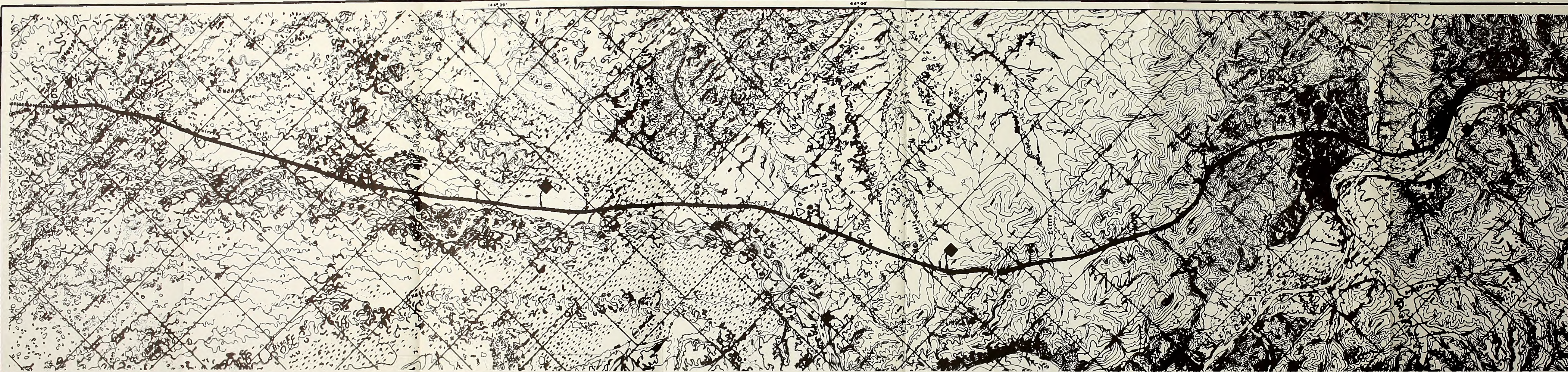
Figure 8.1.1.4-3 Fort Yukon alternative pipeline route  
Wind River option MP 90 to JCT 192

SCALE:	
DATE:	
PROJECT No.	
REVISION No.	
4 - 0204-1004-A	REV.









COMP. STATION LOCATION  
 REPEATED COMP. STATION LOCATION

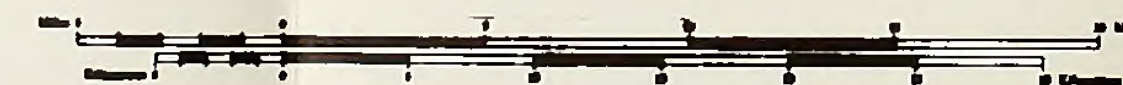


Figure 8.1.1.4.4 Fort Yukon alternative pipeline route  
 JCT 192/MP 00 to MP 140

DATE:	
BY:	
REVISION NO.:	
4-0204-1010-A	









COMP. STATION LOCATION  
REPEATED COMP. STATION LOCATION

Figure 8.1.1.4-5 Fort Yukon alternative pipeline route  
MP 140 to MP 280







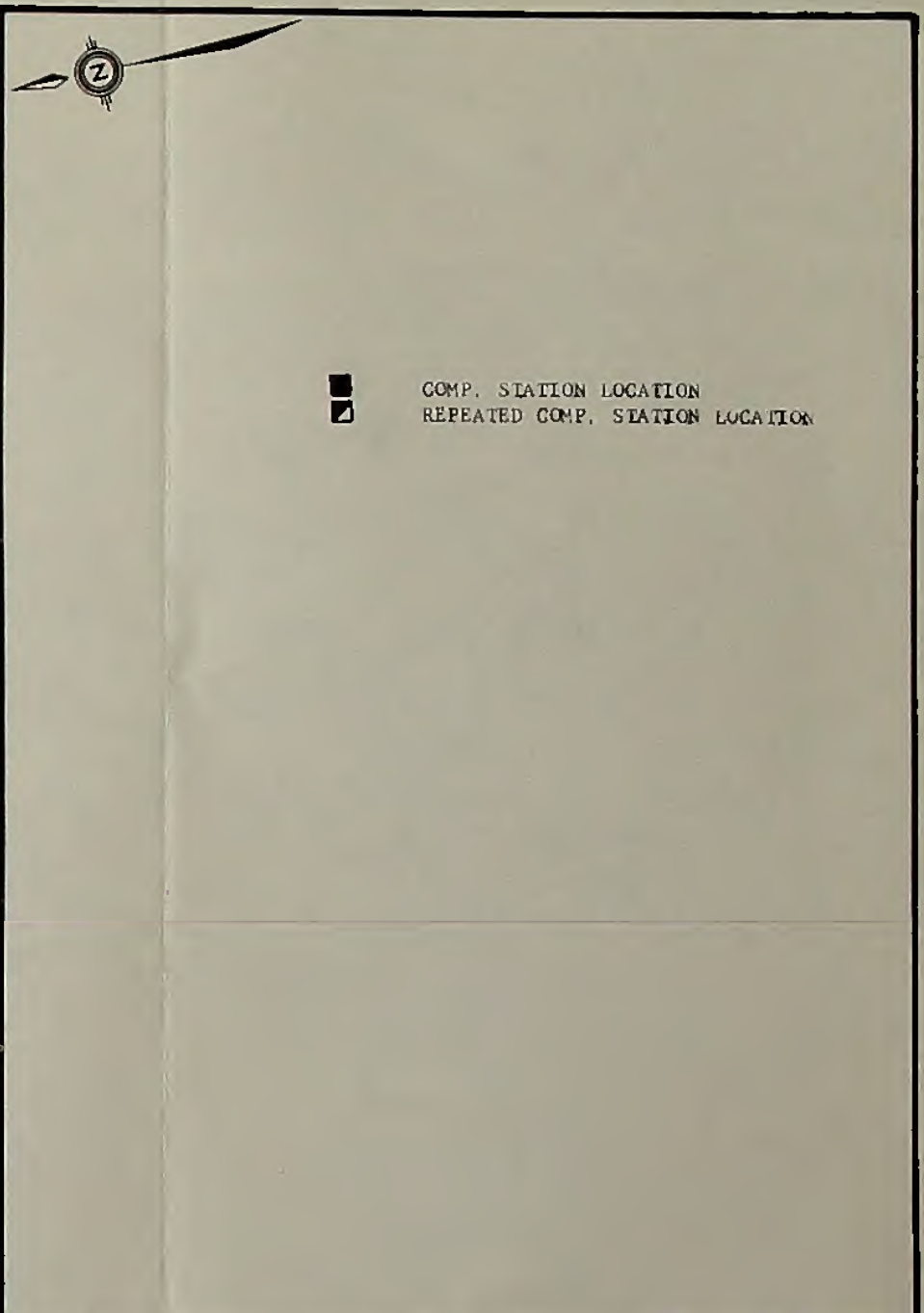
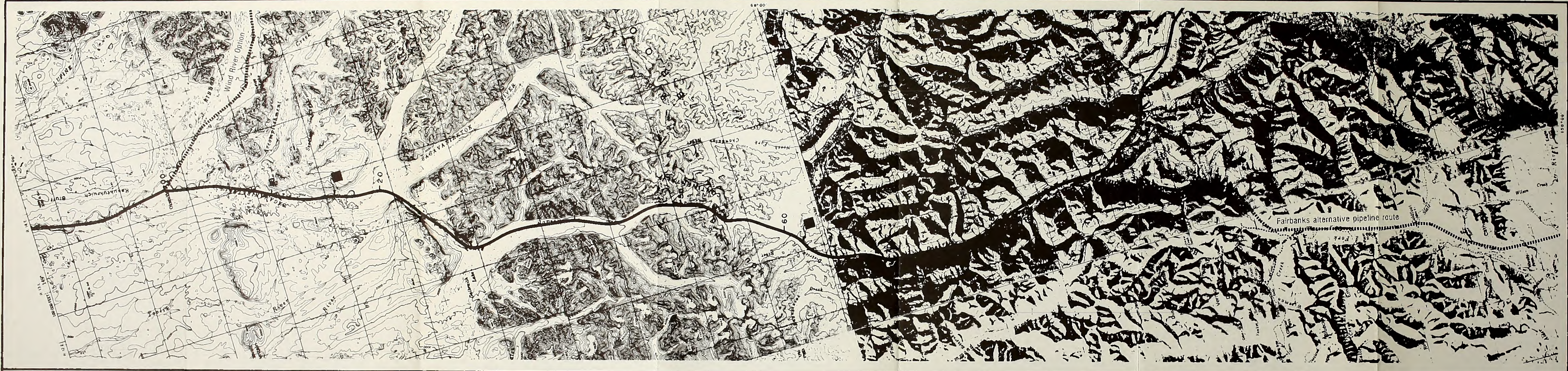


Figure 8.1.1.4-6 Fort Yukon alternative pipeline route  
Chandalar River option MP 00 to MP 90

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DATE:	
PROJECT NO.:	
DRAWING NO.:	4-0204-1002 A
REV.:	





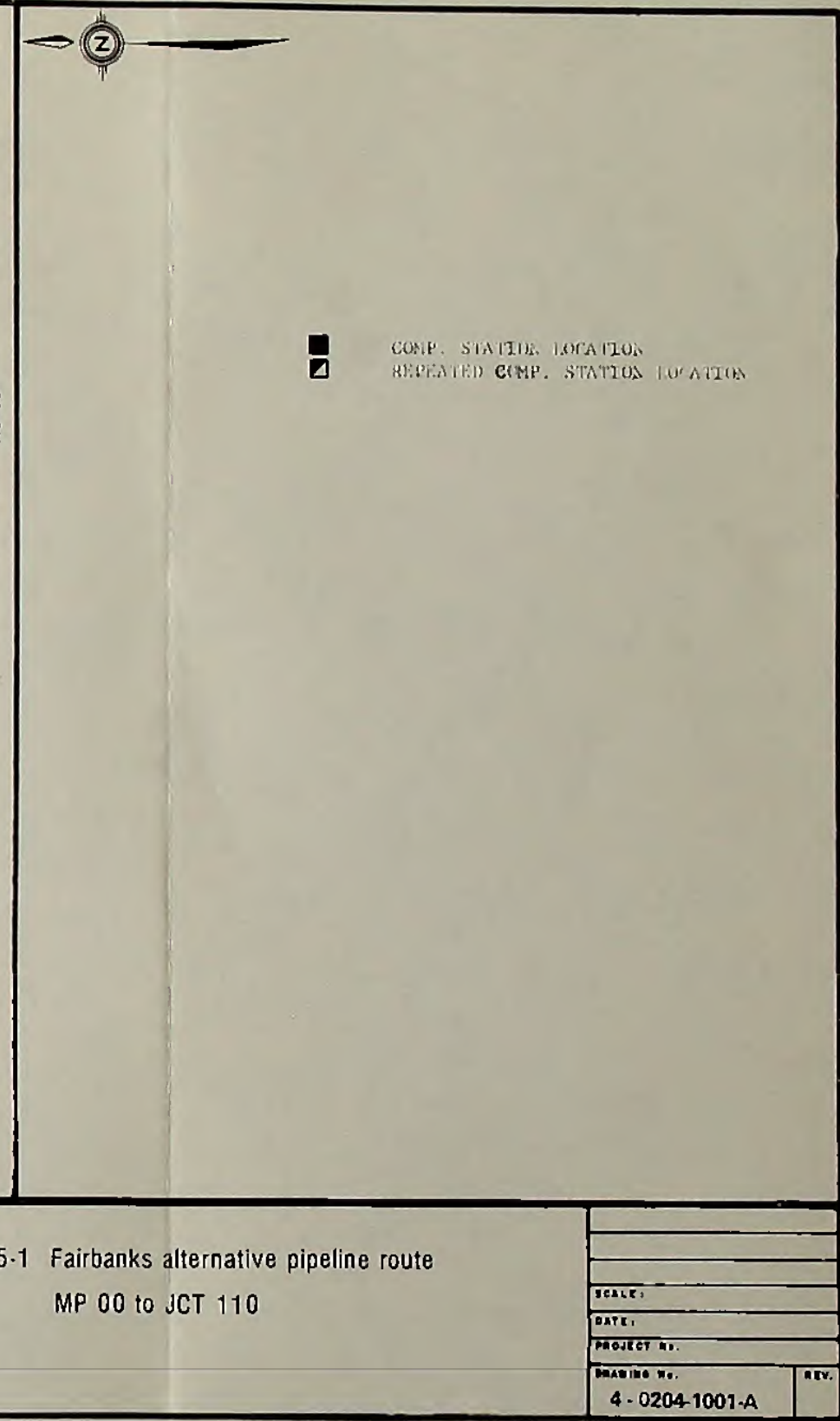
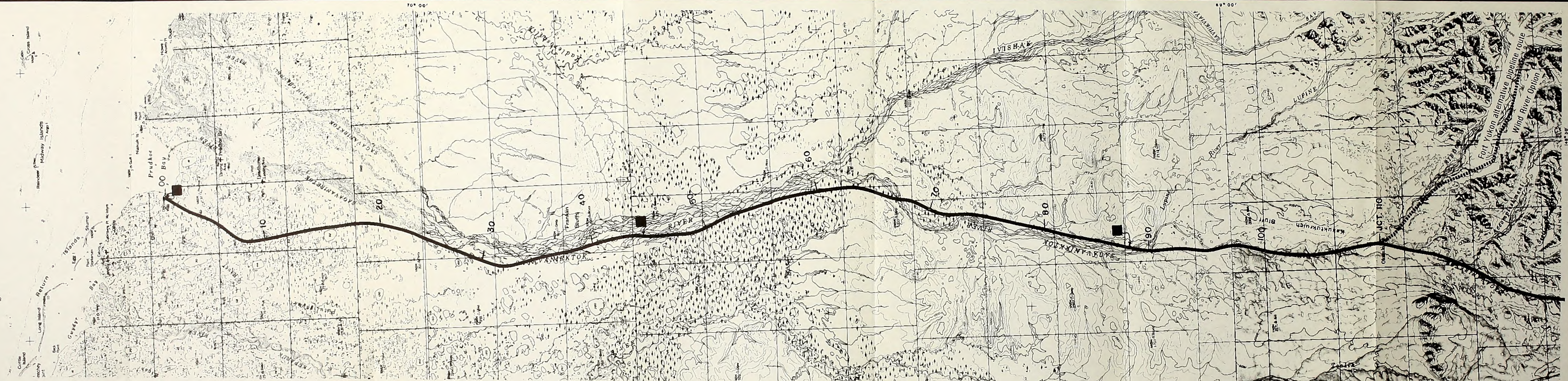


















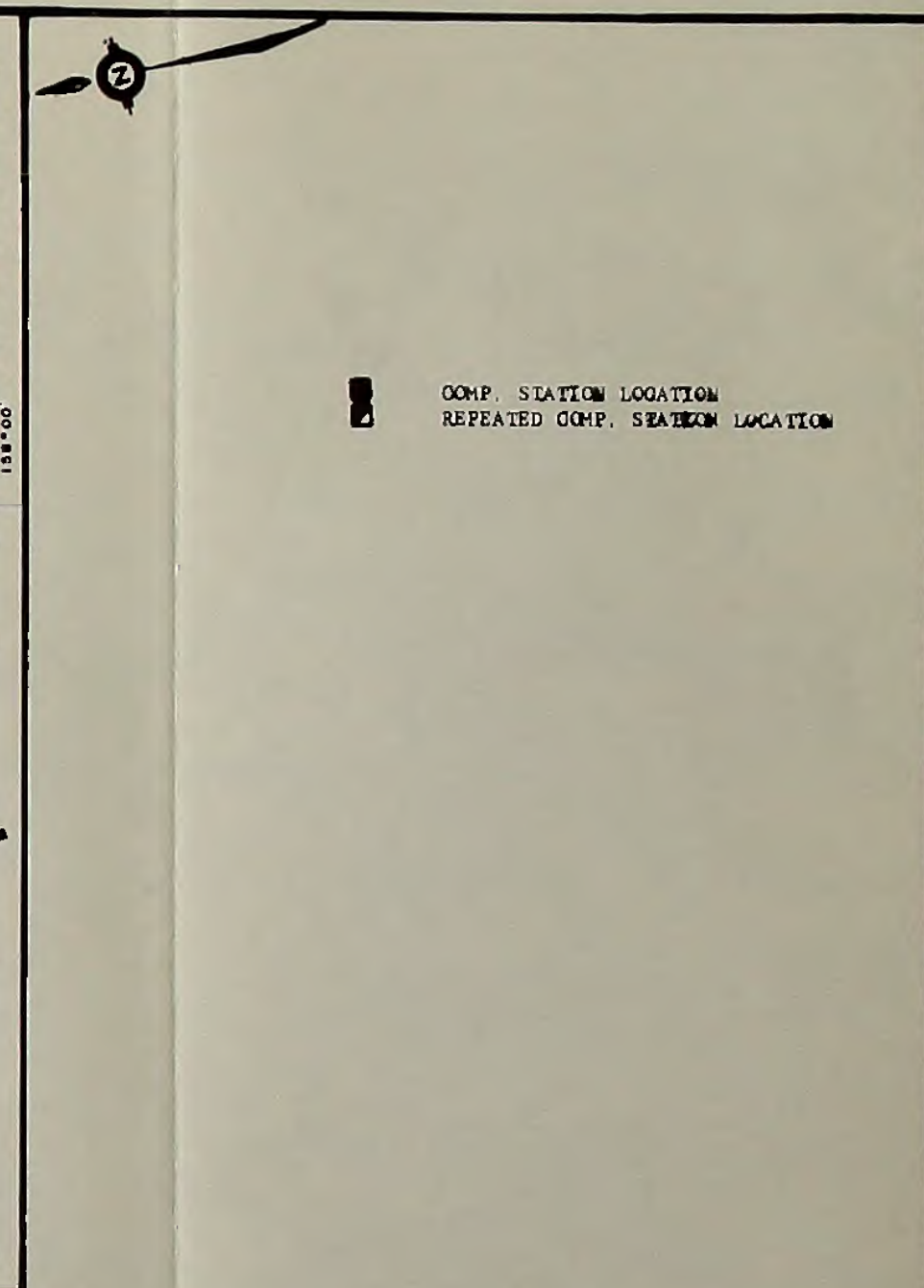
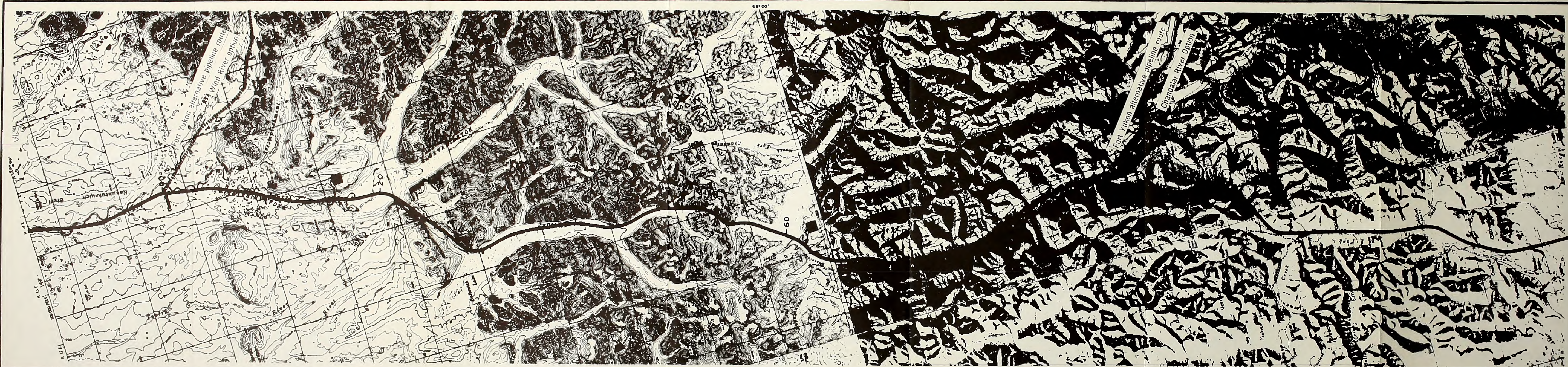


Figure 8.1.1.5-2 Fairbanks alternative pipeline route  
 JCT 110/MP 00 to MP 90

SCALE:	
DATE:	
PROJECT NO.	
DRAWING NO.	4-0204-1002 A
REV.	







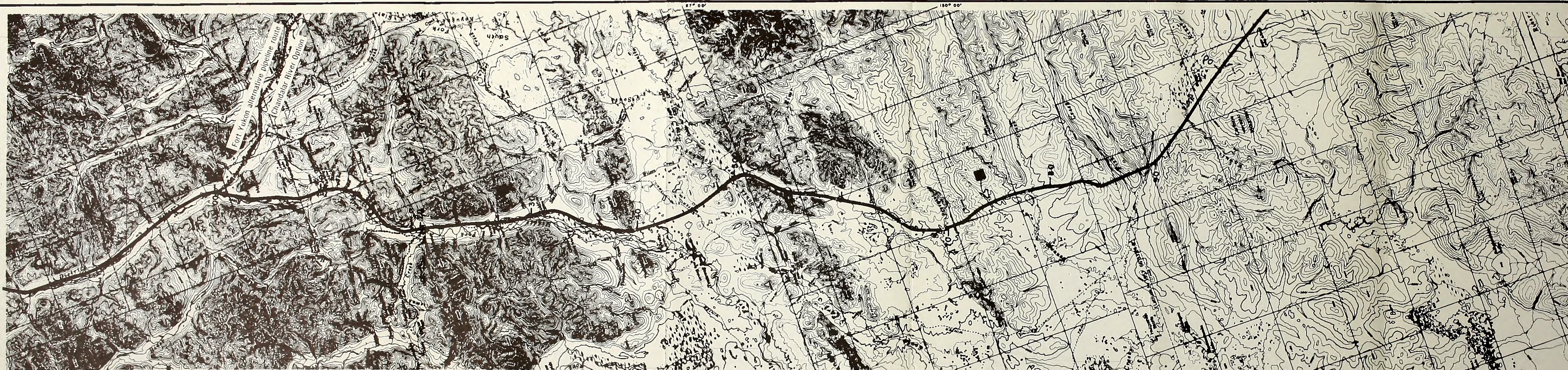


Figure 8.1.1.5-3 Fairbanks alternative pipeline route  
MP 90/MP 00 to MP 100

SCALE:	
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REVISION:	
REVISION:	
4-0204-1006-A	REV.





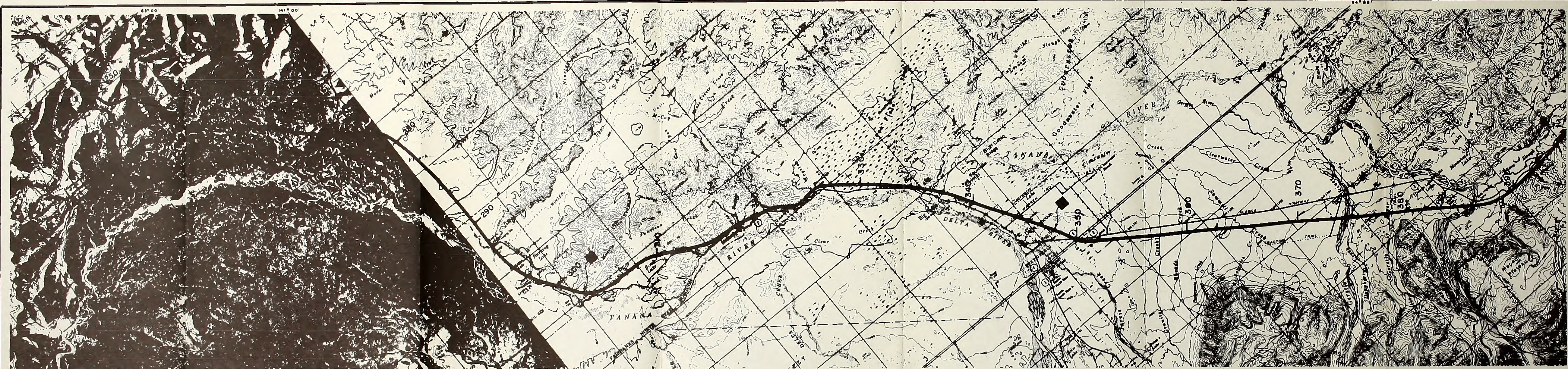














 COMP. STATION LOCATION  
 REPEATED COMP. STATION LOCATION

Figure 8.1.1.5-5 Fairbanks alternative pipeline route  
MP 240 to MP 390

SCALE:	
DATE:	
DESIGNED BY:	
REVIEWED BY:	
4-0204-1008-A	





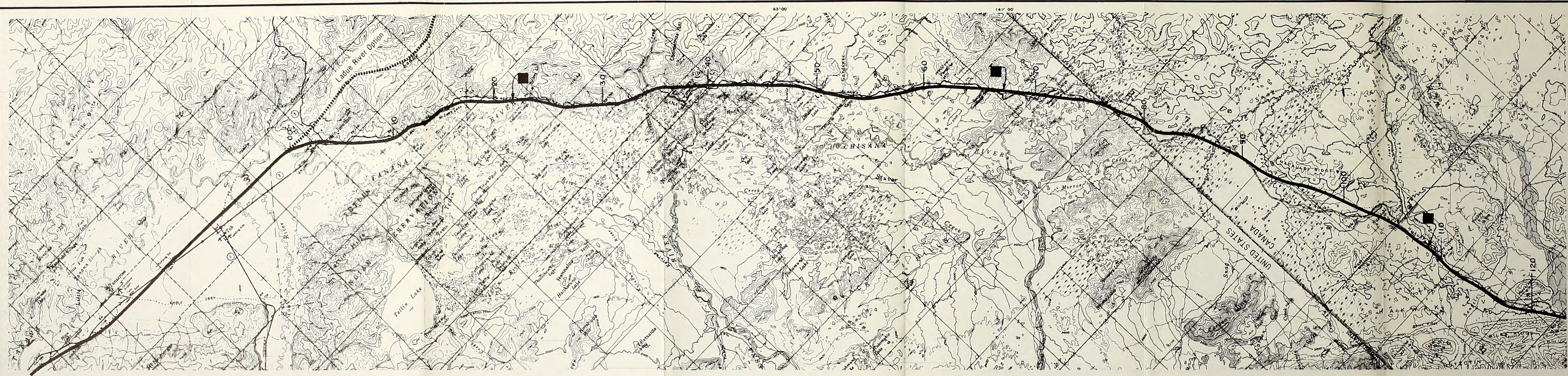












■ COMP. STATION LOCATION  
 ■ REPEATED COMP. STATION LOCATION

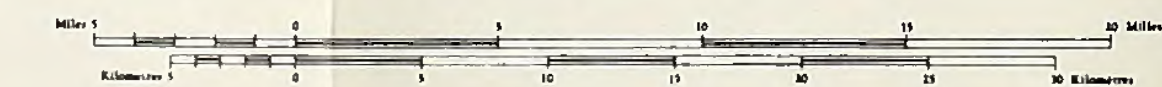


Figure 8.1.1.5-7 Fairbanks alternative pipeline route  
 JCT 460/MP 00 to MP 120

SCALE:	
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REV.	







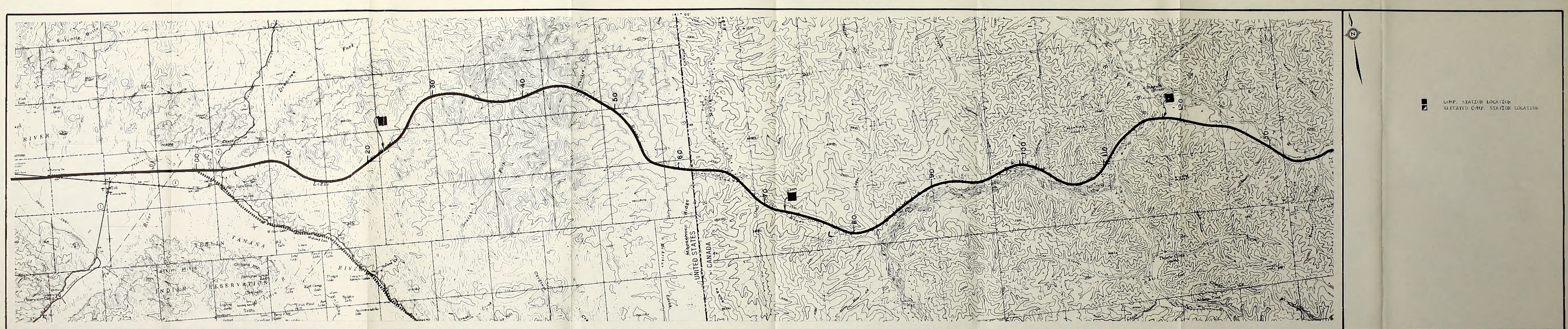


Figure 8.1.1.5-8 Fairbanks alternative pipeline route  
Ladue River Option MP 00 to MP 130

SCALE:	
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DRAWING NO.:	5-0204-1003-A
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